CLAIMS

1. An evaluation method for predicting pharmacokinetics of PM comprising: reacting PM liver cells of a molecular species of cytochrome P450 having a genetic polymorphism, with a test compound in a culture liquid.

2. A method according to claim 1, wherein the reaction is allowed to proceed by culturing the culture liquid at a prescribed temperature and for a prescribed period of time followed by kinetic analysis.

3. A method according to claim 1, wherein the genetic polymorphism of cytochrome P450 is selected from the group consisting of CYP3A4, CYP3A5, CYP3A7, CYP2D6, CYP2C9, CYP2C19, CYP2A6, CYP1A1, CYP1A2 and CYP2E1.

4. A method according to claim 3, wherein the genetic polymorphism of cytochrome P450 is selected from the group consisting of CYP2D6, CYP2C9 and CYP2C19.

5. A method according to claim 3, wherein the genetic polymorphism of cytochrome P450 is CYP2D6.

6. A kit for use in the evaluation method for predicting pharmacokinetics of PM according to claim 1 comprising: PM liver cells of a molecular species of cytochrome P450 having a genetic polymorphism and a culture liquid.